

Application Number 09/873,933

Amendment in Response to Office Action mailed August 30, 2005

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims:**

Claim 1 (Currently Amended): A method for correlating a subscriber unit ~~with a physical port~~ in a point to multipoint wire line network with a physical location, the method comprising:

prompting an installer to manually input a location code associated with a subscriber, the location code permitting identification of a physical location of the subscriber;

receiving the location code in the subscriber unit;

transmitting the location code and a subscriber unit identifier via the network to a central repository; and

storing the location code and the subscriber unit identifier in the central repository to correlate the subscriber unit ~~location code~~ with the physical location port.

Claim 2 (Previously Presented): The method of Claim 1 further comprising:

checking the location code for errors before storing;

upon finding an error, transmitting an instruction to the subscriber unit to indicate error to the installer; and

upon finding no errors, storing the location code.

Claim 3 (Previously Presented): The method of Claim 2 further comprising prompting the installer to reinput the location code upon finding an error.

Claim 4-36 (Canceled).

Claim 37 (Previously Presented): The method of claim 1, wherein the location code permits identification of network service parameters associated with the subscriber unit.

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**Claim 38 (Withdrawn):** The method of claim 1, wherein the point to multipoint wire line network includes a passive optical network (PON).

**Claim 39 (Previously Presented):** The method of claim 1, further comprising receiving the location code by manual entry of the location code into the subscriber unit by a technician.

**Claim 40 (Previously Presented):** The method of claim 39, further comprising prompting a technician to manually enter the location code into the subscriber unit.

**Claim 41 (Previously Presented):** The method of claim 39, further comprising receiving the location code via a butt set device coupled to the subscriber unit.

**Claim 42 (Withdrawn):** The method of claim 39, wherein transmitting the location code includes transmitting the location code to the central repository via an optical line terminator coupled to the subscriber unit via an optical fiber link.

**Claim 43 (Previously Presented):** The method of claim 1, wherein the subscriber unit is equipped to receive information including voice, video and data content.

**Claim 44 (Previously Presented):** The method of claim 1, further comprising:  
checking the location code for errors; and  
upon detection of an error in the location code, transmitting an indication of the error to the subscriber unit via the network.

**Claim 45 (Withdrawn):** The method of claim 1, wherein the subscriber unit includes an optical network unit (ONU).

**Claim 46 (Canceled).**

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Claim 47 (New): The method of claim 1, wherein the subscriber unit identifier includes a serial number.

Claim 48 (New): The method of claim 1, further comprising correlating the subscriber unit with the physical location using the location code and the subscriber unit identifier.

Claim 49 (New): A method comprising:

receiving a location code associated with a subscriber in a subscriber unit in a point-to-multipoint network, wherein the location code permits identification of a physical location of the subscriber; and

transmitting the location code and a subscriber unit identifier from the subscriber unit to a remote device for correlation of the subscriber unit with the physical location.

Claim 50 (New): The method of claim 49, further comprising receiving the location code by manual entry of the location code into the subscriber unit by a technician.

Claim 51 (New): The method of claim 49, further comprising prompting a technician to manually enter the location code into the subscriber unit.

Claim 52 (New): The method of claim 51, further comprising receiving the location code via a butt set device coupled to the subscriber unit.

Claim 53 (New): The method of claim 49, further comprising receiving information packets including voice data for delivery of telephone services to the subscriber.

Claim 54 (New): The method of claim 49, further comprising receiving information packets including voice, video and data content.

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**Claim 55 (New):** The method of claim 49, further comprising:

checking the location code for errors; and

upon detection of an error in the location code, transmitting an indication of the error to the subscriber unit via the network.

**Claim 56 (New):** A subscriber unit for a point-to-multipoint network, the subscriber unit comprising:

a subscriber interface to receive a location code associated with a subscriber, wherein the location code permits identification of a physical location of the subscriber; and

a network interface to transmit the location code and a subscriber unit identifier to a remote device for correlation of the location code with the physical location.

**Claim 57 (New):** The subscriber unit of claim 56, wherein the subscriber interface is configured to receive the location code by manual entry of the location code into the subscriber unit by a technician.

**Claim 58 (New):** The subscriber unit of claim 56, wherein the subscriber interface is configured to prompt a technician to manually enter the location code into the subscriber unit.

**Claim 59 (New):** The subscriber unit of claim 58, wherein the subscriber interface is configured to receive the location code via a butt set device.

**Claim 60 (New):** The subscriber unit of claim 56, wherein the network interface is configured to receive information packets including voice data for delivery of telephone services to the subscriber.

**Claim 61 (New):** The subscriber unit of claim 56, wherein the network interface is configured to receive information packets including voice, video and data content.